Formatted Alignments

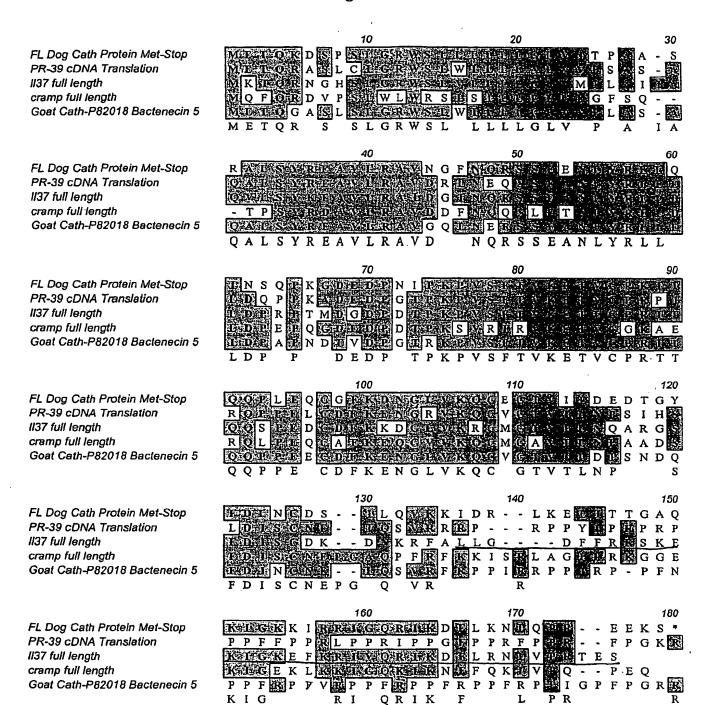
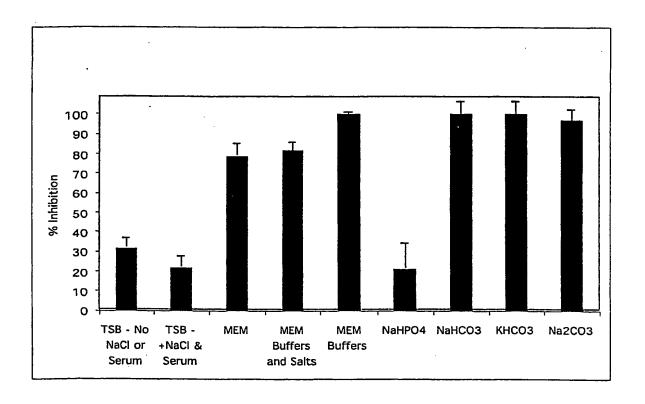


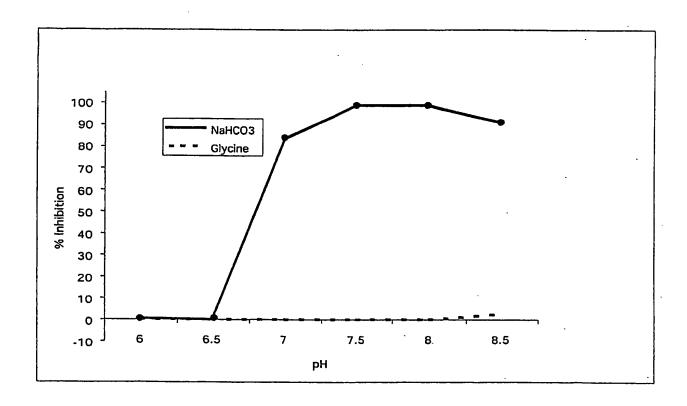
FIG. 1

FIG. 2



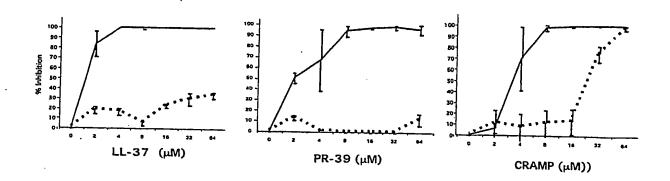
Staph aureus 32 uM LL-37 20% TSB 10% FCS pH 7.4

FIG. 3



Staph aureus 32 uM LL-37 20% TSB 150 mM NaCl 10% FCS

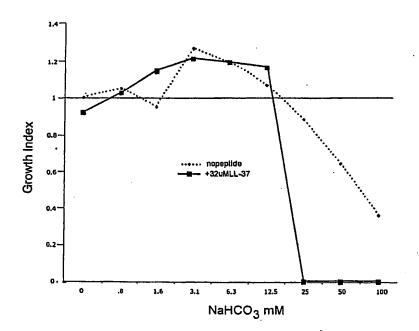
FIG. 4



Staph aureus 20% TSB NO NaCl No FCS

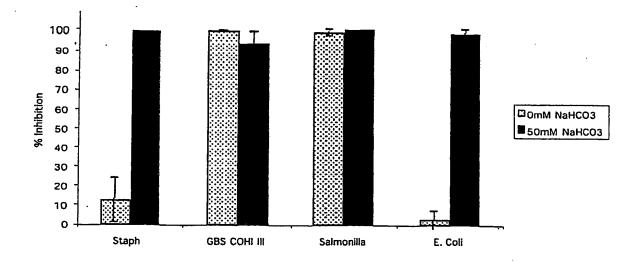
OmM NaHCO3

FIG. 5



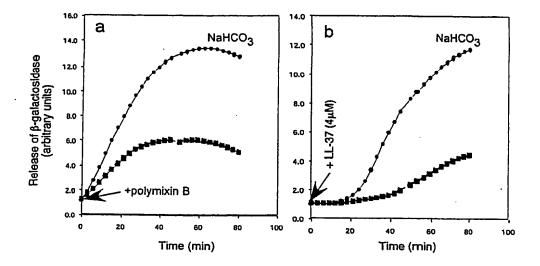
Staph aureus pH 7.4 20% TSB 150 mM NaCl 10% FCS

FIG. 6



Cramp at 16 uM 20% TSB no NaCl or FCS pH 7.4

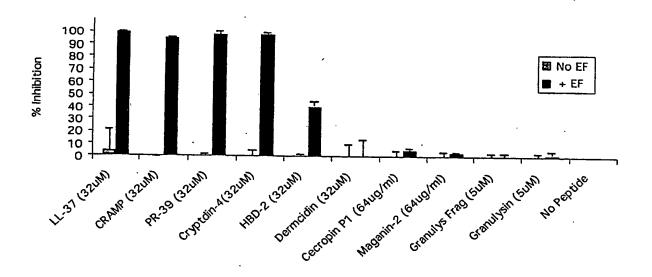
FIG. 7



e. coli inner membrane permeability no NaCL, FCS pH 7.4 data are OD 420 with antibiotic/no antibiotic

FIG. 8

Effect of EF on the Inhibitory Activity of Various Antimicrobial Peptides on Staph Aureus (+150mM NaCl and 10% FCS)



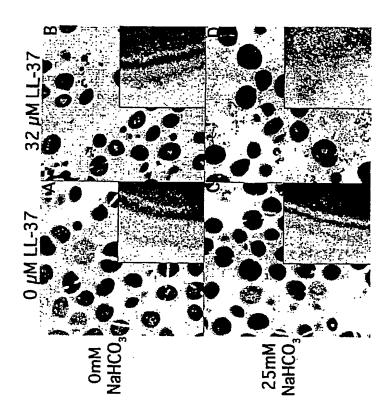


FIG. 9

FIG. 10

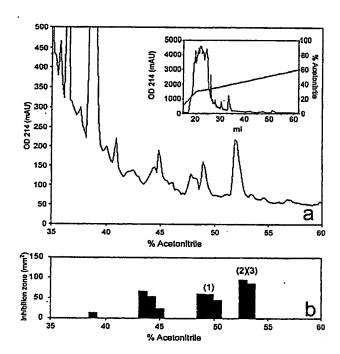
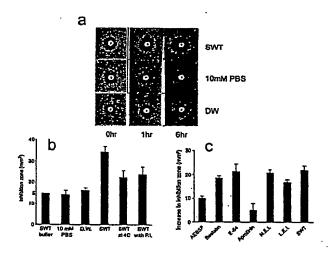
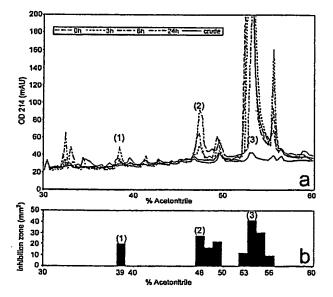


FIG. 11



WO 2005/040192 PCT/US2004/034911

FIG. 12



WO 2005/040192 PCT/US2004/034911

FIG. 13

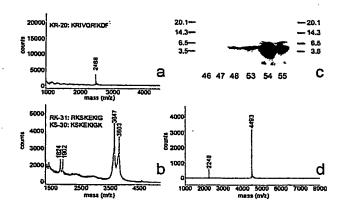
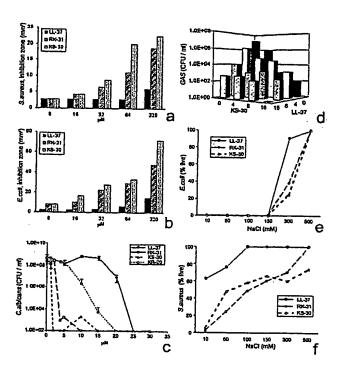
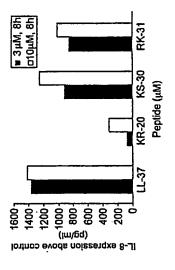


FIG. 14



TG. 15



LL37 blocks LPS-induced chemokine release from Human Dendritic cells

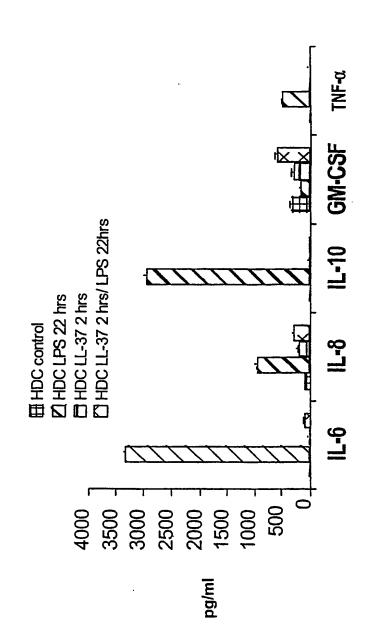
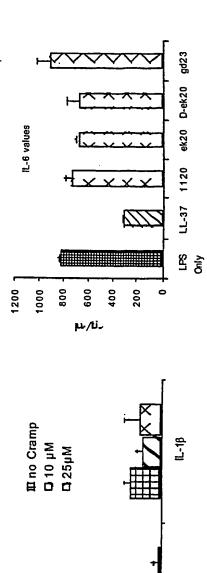
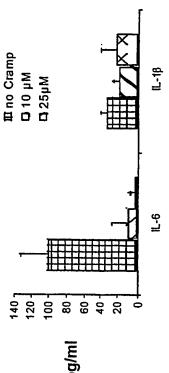


FIG. 1(

blocks LPS-induced chemokine release from Mouse LL37 homolog (Cramp) Mouse Dendritic cells





Collaboration with R Granstein

CRAMP inhibits antigen presentation in vitro

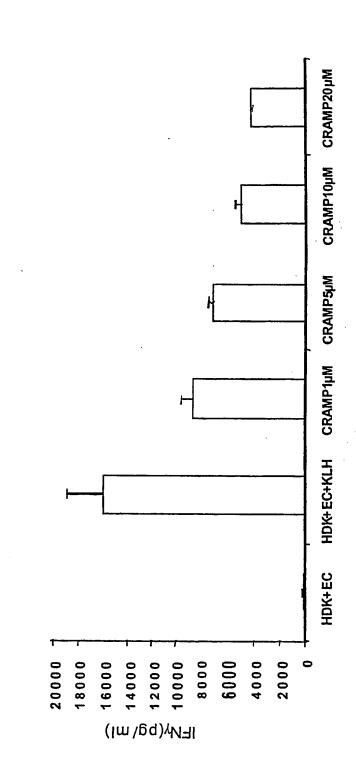
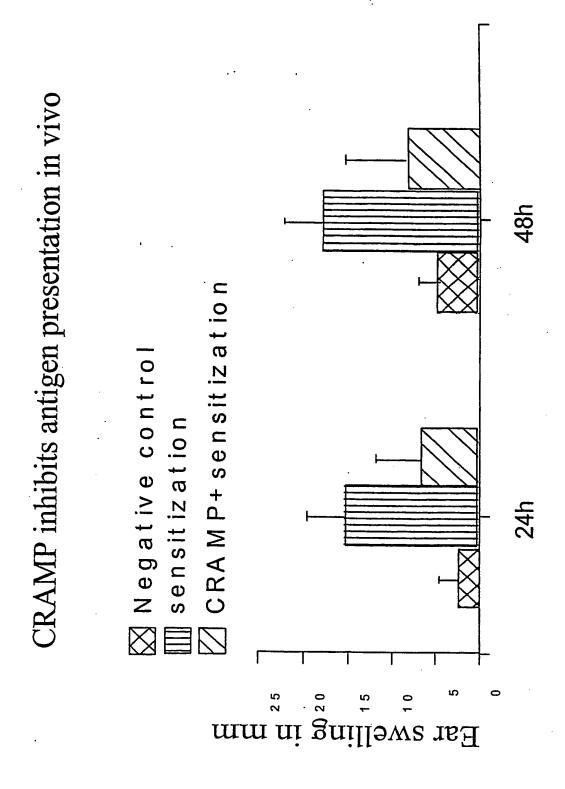


FIG. 18A



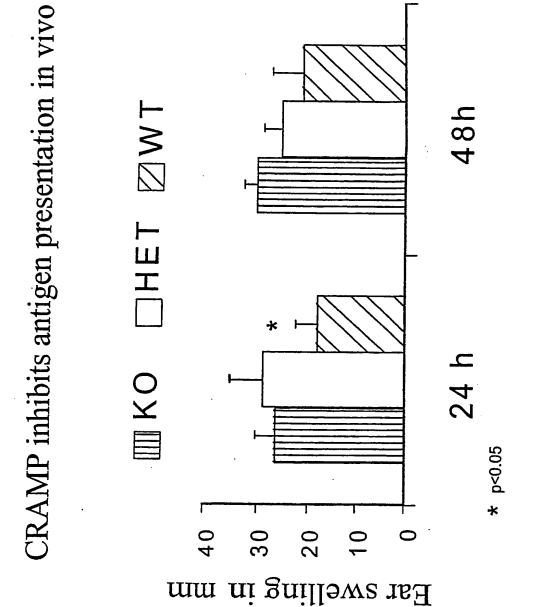


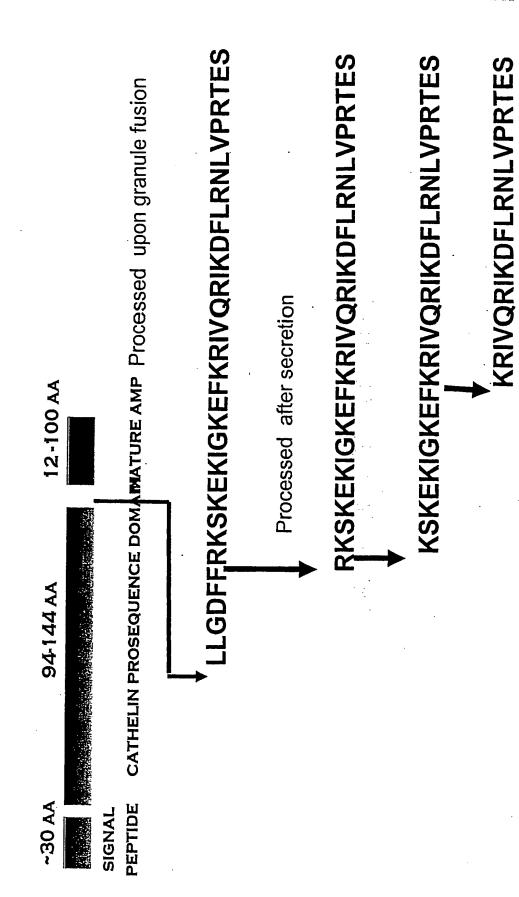
FIG. 18C

FIG. 19

1000 2000 3000 4000 5000 6000 7000 8000 mass (m/z) 6.5 3.5 14.3 -20.155 Identification of cathelicidin peptides on the 25 53 £677 46 47 48 2248 2000 2000 4000 1000 $\boldsymbol{\omega}$ normal skin surface 4000 4500 749E=== 3000 mass (m/z) 3500 mass (m/z) 20000 KR-20; KRIVQRIKDF RK-31: RKSKEKIG KS-30: KSKEKIGK 2468 2000 2500 1824 1804 1500 1000 counta 15000 10000 5000 5000 3000 4000 2000 conuța

21/22

Processing of cathelicidin peptides on the normal skin surface



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